

ABSTRACT

CABRERA, RHALP DARREN R. and MACAMAY, VIVIEN ANN R. Development of Management Information System for Barangay Banaba Cerca. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang Cavite, June 2018. Adviser: Mr. Marlon R. Pereña.

The development of Management Information System for Barangay Banaba Cerca was conducted to eliminate the problems encountered regarding the different transaction of the organization. The system provides a functionality feature that allows automatic storage, retrieval and back up of the residents' information. This system makes their work faster and efficient.

The developers used the Iterative development methodology as a paradigm in the development of the system. This methodology has the following phases: planning, requirements analysis, design, implementation, testing, deployment and evaluation.

The system was developed using different software tools such as PHP to collect form data, generate dynamic page content, and connect to MySQL, JSCRIPT for other interaction function, BOOTSTRAP for the responsive design layout, and MySQL for management and connection of database.

The system was evaluated based on the given criteria: functionality, reliability, usability, efficiency, maintainability and portability. The evaluators are from Cavite State University- Indang Campus from and from Barangay Banaba Cerca, Indang Cavite. The system has successfully passed all the given criteria in the evaluation and met all the functionalities as well as the requirements and objectives.